THE TECH

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THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

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Business Manager . . . . . Monday, 12-1 P.M.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

All communications regarding subscriptions should be addressed to the Business Manager.

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MANY students have been known to ask why it is that Institute teams do not play a larger proportion of their games in Boston. It is to our shame to confess that it is because they do not receive from the students whom they represent a support sufficient to warrant their playing here. All of us have heard complaints as to the lack of college spirit at Tech, and with such frequency as to allow our supposing that a large percentage of the undergraduates are dissatisfied with one thing or another about the prevailing conditions. Is it saying too much to assert that- if each of this element of the student body applied half the energy which he wastes in "kicking" to an honest and conscientious effort to do his best to increase the college spirit, there would, then, be no possible excuse for complaint? No man has any right to complain of existing conditions unless he has done his part to help along our growing college atmosphere. If you, individually, have done the former without doing the latter, to ask you to come to the aid of any student movement which is being attempted — such as the final basket ball game, the Show, or the coming fencing meet — is only to appeal to your consistency and honesty to yourself.

ADDITIONAL PERFORMANCES.

MUCH earlier in the year we pointed out the need of three performances for this year's Show. There can be no doubt that the number of performances should be increased. The house is more than filled for two performances, even when one is a dress rehearsal. There has always been some speculation on tickets, although careful measures last year decreased this to a minimum. The existence of speculation in any degree shows the need for additional performances. It is a trustworthy indication that a call exists for increasing the opportunity of seeing the Show.

Aside from this, public sentiment, as generally expressed, is strongly in favor of the proposed addition. That sufficient support can be obtained to make three performances a success is not open to question. The great difficulty is, of course, to obtain Faculty approval; but if the matter is properly pushed by the management, its ultimate success can hardly be doubted. It

may not be possible to secure permission for three performances this year, as there are many members of the Faculty more or less strongly prejudiced against the Show and other outside interests. If three productions are to be sought for at all, the sooner the need of them is made apparent to the Faculty, the sooner they will be obtained. For this reason we hope that the matter will be strongly pushed this year, for it is one of the most important advances we can now make in regard to the Show.

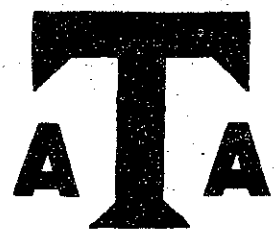
INTERCLASS BASEBALL.

A BUSINESS-LIKE plan has been put forth by the adherents of interclass baseball. Since the Advisory Council very severely frowns on the sport, the contest for numerals has practically been laid aside. The numerous supporters of the game are apparently not willing to give up so easily. The plan as proposed is to hold but one Freshman-Sophomore game late in the term, after a series of practice games by both teams. This game is to be put in the hands of a committee chosen from both classes, who will exert themselves to make it a great success. In addition to the baseball, it is proposed to introduce some track event. The final game will probably come late enough so that this will not interfere with the training or the Worcester Meet.

The plan appears to be worthy of commendation, especially in its spirit. Instead of giving up because no numerals are to be granted for baseball, its adherents apparently intend to make the Advisory Council realize what a hold the game has upon us. The idea is to hold in the spring a more general interclass contest than has been customary. The plan appears to be a good one, and if it has the right men back of it, should score a great success.

Tech Athletic Emblems.

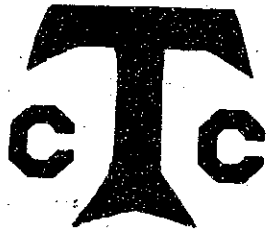
The Advisory Council on Athletics, composed of representatives from the Alumni, Institute Committee and Athletic Association, has been doing a great deal in the last few years toward systematizing the athletic emblems and toward increasing their value by clearly defining who may be allowed to wear them.



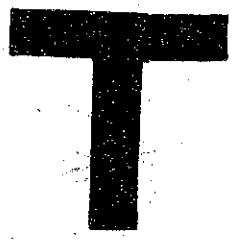
The A T A, like the cut, is granted to men who win a first place in a class or open meet, or two second places in the same class or open meet — handicap meets excepted.

The right to wear the Track T, the same form, but without the A's, is granted to men who win a place in a purely intercollegiate contest, and members of a victorious relay team judged worthy by the Advisory Council. The manager of the Track Athletic Team may wear the same T enclosed in a circle.

The C T C is allowed members of the Cross Country Team who actually participate in a run with another college approved by the Advisory Council, and to the man who wins the spring Cross Country Run.



The privilege of wearing this T without the C's will be granted to members of a *victorious* Cross Country Team who actually participate in a run with another college approved by the Council.



The tennis and golf T is shown in the third cut, and is awarded to winners of an intercollegiate contest.

The Basket Ball Team are allowed to wear a T of this form with B B on each side of the T, similar to the C C of the Cross Country Team, but this is allowed to be worn only in games, as a distinguishing mark, but may be allowed permanently by the Advisory Council.

The dimensions of the symbols are also fixed by the Council. The height of the T's is six

inches, and that of the smaller letters two inches, with their inside edge one inch from the stem of the T. Smaller devices in the same proportions may be worn on caps.

The class numerals are awarded to members of both Football Teams who actually participate in the Field Day game, and to the participating members of the winning Relay and Tug-of-War Teams.

Memorial.

GEORGE ELDRIDGE DUNHAM.

WHEREAS, An untimely death has taken from among us George Eldridge Dunham,

Be it Resolved, That the Class of 1905 of the Massachusetts Institute of Technology has lost one of its brightest members, a good companion, an industrious student, an original thinker, and one who gave promise, by his earnestness and industry, of attaining success; and

Be it Resolved, That we, the members of the class, extend our deepest sympathy to his family in their great loss; and

Be it further Resolved, That a copy of these resolutions be sent to his father, that they be placed on the records of the Class, and that they be published in THE TECH.

For the Class,

FRED W. GUIBORD,
GRAFTON B. PERKINS.

Kommers.

At a recent meeting of the Junior Class there seemed to be some doubt and misunderstanding as to the meaning of the term "Kommers" as used at Technology, so that a definition may not be out of place here. A Kommers is nothing more nor less than an informal, impromptu dinner, and implies no rowdyism or undesirable unconventionality. It may also be well to say that the word is spelled the same in the singular as in the plural.

Basket Ball.

The Basket Ball Team is to play Worcester Polytechnic at the Gymnasium on the evening of March 9. As this is their last home game and as an excellent contest should take place, it is to be hoped that the undergraduates will show their appreciation of what the team has done this year by turning out in good shape. It will be remembered that Tech was defeated by the Worcester team early in January. Here, then, is additional reason for giving our team a rousing support in order that they may do their best to retrieve the defeat.

The line-up will be as follows:

TECH.	WORCESTER.
Blake (Capt.), l. f.	r. g., Freeman
Mathison, r. f.	l. g., Peters
Burleigh, c.	c., Martin
Ager, l. g.	r. f., Hall
Wiggins, r. g.	l. f., Dickerman

Intercollegiate Fencing.

An Intercollegiate Fencing Meet will be held next Friday, March 4, at 8 P.M., in the Hemenway Gymnasium, Cambridge. Teams, representing the University of Pennsylvania, Yale, Harvard, and Tech, will take part, and judging from the present outlook the meet should be very close and interesting. The Pennsylvania team is practically the same team which represented the University last year, when she defeated both Yale and Harvard. Nothing very definite, however, is known of the Yale team, but it can be confidently predicted that Yale will prove to be a strong contestant. All, or nearly all are fairly well acquainted with the quality of the Harvard and M. I. T. teams, and since this meet gives us an opportunity to wipe out our last defeat at Harvard's hands, all should be present to cheer our team on to victory. The admission will be 25 cents, and tickets may be procured at Leavitt & Peirce's.

Progress of the Show.

Although the Show rehearsals have been in progress only two weeks, very satisfactory advance has been made. The principals are now practically picked, and rehearsing of the first act has been commenced. For the chorus and ballet a large number of men are out, mostly underclass

men. The chorus has been rehearsing several of the songs, and attention has been given to the Indian ballet, etc. As to the music, two of the songs in the first act are especially catchy, and will undoubtedly score hits, while the rest seem well up to the standard of previous years.

There is in this year's Show a great opportunity for original work, and the chorus as well as the principals will be given a chance to do some real acting, as well as mere recitation and singing. Several of the principal parts are written with this particular end in view. If three productions can be obtained, there can be little doubt of securing full houses for each. This year's Show will surely receive as much endorsement as any in the past.

Chess Match.

The Chess Team played its second league match with Harvard on the evening of Feb. 26, at the Harvard Union. The result was a victory for Harvard by the score of $3\frac{1}{2}$ to $2\frac{1}{2}$.

The men were paired and scored as follows:

TECH.	HARVARD.
Lourie, 1	Bridgeman, 0
Edmunds, 0	Carr, 1
Morey, 1	Brackett, 0
Helpern, $\frac{1}{2}$	McClure, $\frac{1}{2}$
Newton, 0	Cogswell, 1
Haydon, 0	Howland, 1

Freshman Battalion.

The following appointments in the Freshman Battalion are announced:

Capt.	1st Lt., A. Macomber, Co. A.
1st Lt.	2d Lt., B. Nichols, Co. A.
Sergt.	Corp., W. T. Johnson, Co. A.
Sergt.	Corp., H. V. Alvord, Co. A.
Drum Major	C. H. Loutrel
Prin. Musician	R. W. Lindsay
Corp.	Priv., D. N. Clark, Co. A.
Corp.	Priv., G. H. Bryant, Co. A.
Corp.	Priv., J. P. Hinckley, Co. B.

Drum Major E. G. Cristy is transferred to Co. B, at his own request. He will assume his former rank and grade in that company.

The order of company in battalion is changed to be as follows: Co. B., Co. C., Co. A., and Co. D.

The lineal rank of Cadet officers is announced to be as follows:

Major, E. D. Boles.

Captains, E. H. Packard, H. S. Wonson, F. S. McGregor, A Macomber.

First Lieutenants, V. A. Davis, L. L Nordstrum, C. W. Gammons, V. Mather, S. T. Very, E. H. Wing, B. Nichols.

Second Lieutenants, A. S. Black, J. L. Walsh, E. G. Lee, E. H. Marsh, L. L. Allen.

RUPERT D. WORCHESTER,
Commandant.

All-round Contest.

The Potato Race was held at the Gym. on Tuesday of last week and there is left but one event, that of Putting the 16-lb Shot, before the contest closes. The standing of the leading contestants to date is as follows:

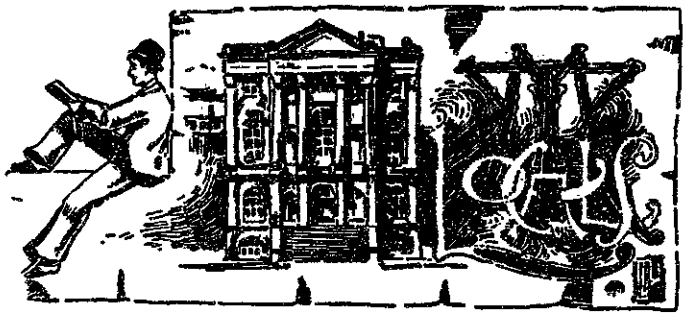
Curtis, '04, 50; Farrington, '05, 39; Barrows, '07, 36; Noyes, '07, $28\frac{1}{2}$; Baker, '04, $25\frac{1}{2}$; Richards, '07, 24; Haynes, '04, $21\frac{1}{2}$; Paquet, '05, $17\frac{1}{2}$; Schoenthal, '05, 16; Emerson, '05, $13\frac{1}{2}$; Albro, '07, 11; Young, '06, 10; Snow, '05, 9; Turner, L. B., '05, 7; Conover, '07, 5; Luther, '07, 5.

Cross Country Association.

Nominations for the following offices will be received up to 1 o'clock Saturday, March 5: President, secretary, captain, chase captain, manager. Any member of the association may nominate or be nominated. Send nominations to C. R. Haynes, secretary, "Cage." Election of officers 1 P.M. Monday, March 7, in Room 11, Engineering B.

1904 Dinner.

The 1904 Class dinner held Thursday night at the Union attracted over fifty members of the class. W. H. Eager proved a ready toastmaster and was well backed up by the speakers of the evening. G. W. Eastman gave interesting details about the coming Alumni reunion, and the ever-welcome Mr. Blachstein sustained his reputation as an after-dinner speaker.



C. G. Loring, '06, has won the competition for the cover design for *Technique, 1905*.

F. S. Hamilton and R. W. Parlin have been elected assistant business managers for the Tech Show, 1904.

R. C. Ashenden and E. P. Noyes were elected to the Institute Committee, to represent, with the President, W. G. Otis, the Class of 1907.

During the past week the following bequests were made to the Institute: Mr. G. B. Upton, $5,000, and Mr. James H. Danforth, $5,000.

We regret that through an oversight the account of the Electrical Engineering Society dinner was omitted from the issue of last week.

The Chemical Society held a meeting at the Union on February 23, but only a small number attended. A. W. Burnham spoke on "Boiler Scale," and J. L. Merrill spoke on "Paper."

The concert given by the Musical Clubs at Peabody last Friday was one of the most successful of the season. Most of the men remained over night, being entertained at private houses, and all who did so are strong in their praise of Peabody hospitality.

Two men are needed for work at Tech House. There is a class of boys in gym. work, and a man to be tutored in elementary German. Classes meet one evening in each week. Applicants will please communicate with Mr. R. N. Whitcomb, Tech House, 138 Eustis Street, Roxbury.

It is hoped that Tech men will take advantage of the fact that the General Library is now kept open until 10 P.M. During the evening at most colleges where this opportunity is given, the libraries are frequented by the undergraduates who gather both for study and reading. Thus college spirit is fostered, a pleasant place for study is afforded, and the fellows soon prefer the large, commodious library to the seclusion of their own rooms.

Preparation for the Show is progressing at a rapid rate and a large number of men are trying for parts. Men are wanted, however, who can do specialty acts of any kind and it is not too late for such men to come out. Strict attendance at rehearsals is required and will influence a candidate's chances a great deal. At present there is every indication that this year's Show will eclipse anything heretofore attempted.

A meeting of the Class of 1905 was held Monday, Feb. 29. Mr. E. T. Steel, 2d, was elected to the Prom. Committee, to fill J. M. Lambie's place. The treasurer's report was read and accepted. This report shows that the Class is indebted to the sum of $30. Most of the men in the Class have not paid their Class dues. If this is done, all debts can be canceled and a surplus left. Collectors in the various courses will receive dues. The Class dinner will be held Thursday evening, March 3.

As an illustration of the way in which Tech graduates often gravitate together, we may mention the M. I. T. Colony with the Vermont Marble Company at Rutland. "The Colony" consists of the following five men: H. C. Belcher, II., '98, in charge of all repair work at main plant; L. F. Miller, IV., '01, assistant chief architect; R. Procter, Jr., II., '02, superintendent of power department; E. T. Pollard, II., '02, resident engineer on West Rutland Division; M. C. Tompkins, I., '04, third assistant civil engineer.

A surprisingly large number of students gathered in Professor Vogel's room on Saturday afternoon to join the classes in German conversation. About two dozen remained at the call to organize a German society. Mr. Kriegsmann was elected temporary chairman, and a committee was appointed to draw up a constitution. It is planned to hold monthly dinners at the Union, at which German speakers will be present and German songs sung. A trip to the Germanic Museum in Cambridge is also contemplated in the near future. Those who have not already handed in their names should do so at once, if interested. Leave note at "Cage" for Kriegsmann, '05, or come to the meeting on Saturday next.

Mining Engineering Society.

A meeting of the Mining Engineering Society will be held Friday evening, March 4, at 7.45 P.M. in Room 2, Rogers Building. Professor Richards will give a talk on "Mines and Mills in Alaska and the West," which were visited by him during the past summer.

The talk will be illustrated by some excellent lantern views and a very interesting meeting is assured.

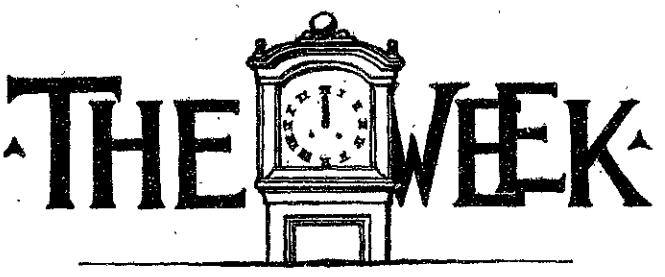
All Course III. men and others interested are invited to attend. Supper will be served at the Technology Club after the meeting.

Sophomore Class Meeting.

A meeting of the Sophomore Class was held Monday, Feb. 29, after English Literature. After announcing that the ballots for the Electoral Committee wonld be due on Tuesday, President Lawton called for the report of the Committee on Baseball Numerals, and brought up the matter of a class dinner. The committee reported that the Advisory Council would not, under any circumstances, change their previous decision on the matter. In regard to the dinner, it was voted to hold one on the evening of March 8, and a committee is to be appointed to arrange the matter and decide on the place, although it is tacitly understood that the dinner will be held at the Union.

Society of Arts Meeting.

Those who attended the meeting of the Society of Arts last Friday evening were treated to a very instructive and interesting lecture. Dr. Samuel P. Sadtler of Philadelphia spoke on the "Preservation of Wood," with especial reference to railroad ties. Dr. Sadtler first described briefly the decay of wood fibres under atmospheric conditions, and then gave an outline of the successive methods of preservation which have been attempted. Finally, he described the latest process of impregnating the wood with the preservative chemicals, a method requiring no steaming and therefore less injurious to the strength of the wood.



NATIONAL.

On Feb. 23 the United States Senate ratified without amendment the treaty with Panama for a canal across the Isthmus, by a vote of 66 to 14. Secretary Hay and Minister Bunau-Varilla exchanged ratifications of the treaty, and President Roosevelt signed the proclamation, putting the treaty into effect. The President has sent to the Senate the following nominations: Chairman of the Isthmian Canal Commission, Rear Admiral John G. Walker, U. S. N., retired, District of Columbia; members of the Isthmian Canal Commission: Major-General George W. Davis, U. S. A., retired, District of Columbia; William Barclay Parsons, New York; William H. Burr, New York; Benjamin M. Harrod, Louisiana; Carl Ewald Grunsky, California; Frank J. Hecker, Michigan.

As a result of the trials in the postal cases, Justice Pritchard has sentenced Machen, D. B. Groff and Lorenz each to two years' imprisonment in the penitentiary, and to pay a fine of $10,000 each. The case of S. A. Groff has not been decided.

FOREIGN.

During the past week the Japanese have been bombarding Port Arthur repeatedly, but without much result. A brilliant attempt was made to block the entrance to the harbor by sinking old stone-laden hulks in the entrance, but the attempt did not succeed. A land attack is expected at any time. Japan has a large army in Korea, which is pushing north from Seoul on the west and from Wonsan on the east, and which is in touch with the Russian outposts at Pingyang. The Japanese have seized Possiet Bay, seventy miles from Vladivostock, and are rumored to be blockading the latter port. Japan has negotiated a treaty with Korea, whereby she guarantees the independence and in-

tegrity of that country. Russia will ignore the treaty, and Japan in turn will ignore the Russian note protesting against Japan's alleged breach of international law in the war.

The arbitration tribunal, which has been considering the claims of the blockading powers for preferential treatment of their claims against Venezuela, has decided unanimously that the three blockading powers, Great Britain, Germany and Italy, have a right to a preference of 30 per cent of the customs duties at La Guayra and Puerto Cabello.

GENERAL.

A large fire in Rochester, N. Y., destroyed practically the whole retail dry goods district of the city, with the loss $2,500,000.

Edgar N. Wrightington has been selected as head coach for the Harvard football team for next season. He played half-back for four years, and captained the eleven his last year, and is now an official in many big games.

H. J. Hooper, Dartmouth's famous centre last fall, died of appendicitis at Hanover, N. H. Although in his first year at college, by general consent he was placed on the All-American eleven, and he promised to become one of the greatest centres in the history of the game.

By her victory over Yale last Saturday night at the St. Nicholas rink, New York, Harvard won the Intercollegiate Ice Hockey Championship. Harvard thus not only wins the championship for the year, but permanent possession of the St. Nicholas challenge trophy, which had to be won twice in succession before becoming the property of any college.

Calendar.

THURSDAY, MARCH 3.

4.00 P.M. GLEE CLUB REHEARSAL. Trophy Room.
4.00 P.M. MANDOLIN CLUB REHEARSAL. Room 31, Rogers.
4.15 P.M. TECH SHOW REHEARSAL. Chorus.
4.15 P.M. INDOOR ATHLETIC CONTEST at the Gymnasium. Putting 16-lb. Shot. One point for each 4 inches over 29 feet.
6.30 P.M. 1905 CLASS DINNER. Tech Union.

FRIDAY, MARCH 4.

1.10 P.M. ELECTRICAL ENGINEERING SOCIETY. Important Business Meeting in 28 Lowell.
4.15 P.M. TECH SHOW REHEARSAL. Ballet.
7.45 P.M. MINING ENGINEERING SOCIETY. Rogers 2. Professor Richards will give an illustrated lecture on "His Summer Trip."
8.00 P.M. REUNION OF CLASS OF 1902. Tech Union.
8.00 P.M. INTERCOLLEGIATE FENCING MATCH. Hemenway Gymnasium, Cambridge. Harvard, Yale, U. of Pennsylvania, and M. I. T. Tickets 25 cents, at Leavitt and Peirce's.

SATURDAY, MARCH 5.

12.45 P.M. GLEE CLUB REHEARSAL. Tech Union.
1.20 P.M. MEETING OF DEUTSCHE VEREIN in 9 Engineering C.
2.00 P.M. TECH SHOW REHEARSAL. Principal Parts. Only for those drafted on the First Cast; others report with Chorus.
6.00 P.M. SATURDAY NIGHT KOMMERS. Get tickets of Mr. Powers or Co-operative branches.

MONDAY, MARCH 7.

1.00 P.M. GLEE CLUB REHEARSAL. Tech Union.
1.00 P.M. CROSS COUNTRY ASSOCIATION. Election of officers in Room 11, Engineering B.
4.00 P.M. LECTURE on "The Beginnings of the Civil War and the First Battle of Bull Run," by Mr. C. H. L. Johnston. Room 11, Rogers.
4.15 P.M. TECH SHOW REHEARSAL. Chorus.

TUESDAY, MARCH 8.

4.00 P.M. MANDOLIN CLUB REHEARSAL. Rogers 31.
4.15 P.M. TECH SHOW REHEARSAL. Ballet.
6.30 P.M. 1906 CLASS DINNER. Tech Union.

WEDNESDAY, MARCH 9.

4.00 P.M. LECTURE on "The Peninsula Campaign and The Second Battle of Bull Run," by Mr. Johnston, in Rogers 11.
4.15 P.M. TECH SHOW REHEARSAL. Principals. Only for those drafted on First Cast; others report with Chorus.
7.15 P.M. Y. M. C. A. INFORMAL DISCUSSION. 240 West Newton Street. Subject: "Is Christian Living Worth Its Cost?"
8.00 P.M. BASKET BALL. Worcester Polytechnic Institute *vs.* M. I. T., at Gymnasium.

THURSDAY, MARCH 10.

4.15 P.M. TECH SHOW REHEARSAL. Chorus.
6.30 P.M. PENNSYLVANIA CLUB DINNER. Tech Union.

FRIDAY, MARCH 11.

4.15 P.M. TECH SHOW REHEARSAL. Ballet.
6 30 P.M. 1907 CLASS DINNER. Tech Union.

Lectures on Civil War Battlefields.

Mr. C. H. L. Johnston of the English Department will deliver a course of five lectures in Room 11, Rogers, during March, on the various battles and campaigns of the Civil War carried on in the vicinity of the Potomac River. They will deal especially with the military tactics and strategy employed by both Southern and Northern armies. Mr. Johnston has arranged his course as follows: On Monday, March 7, he will speak on "The Beginning of the War and the First Battle of Bull Run." The second lecture, on Wednesday, March 9, will deal with "The Peninsula Campaign and the Second Battle of Bull Run." The third will be given on Monday, March 14. Subject, "Antietam and Fredericsburg." The fourth on Wednesday, March 16, on "Chancellorsville and Gettysburg." The fifth on Monday, March 21, on "The Wilderness, Petersburg and the Surrender." All take place at 4 P.M. Mr. Johnston has an intimate knowledge of these battlefields and has made a study of the military strategies which they represent, and we hope his lectures will be well attended.

Electrical Engineering Society Senior Dinner.

The Seniors of the Electrical Engineering Society held a dinner Tuesday evening, Feb. 16, at Hotel Bellevue. The table was appropriately arranged in the form of a T. The instructing staff of the Electrical Department and the officers of the Society were seated at the top of the T, and at the stem nearly the entire Senior Class of Courses VI. and VIII.

Following the dinner, which was an excellent one, the several speakers of the evening were introduced. President Clingerman with a great deal of wit presented the various speakers. The men who are completing the courses represented by those present are particularly fortunate in having instructors over them who are willing to associate with them and add something more to this preparation for the world. This willingness made the dinner a great success.

Steps are being taken to make this informal dinner a tradition of the Society.

American Chemical Society Meeting.

Before a large audience in Huntington Hall, last Thursday, Mr. E. Stütz demonstrated the remarkable powers of thermit in an illustrated lecture on "Alumino-Thermics and Their Application to Engineering and Metallurgy." By alumino-thermics is meant the useful application of the heat generated by the burning of a mixture of powdered aluminium and ferric oxide. The material, thermit, is not explosive and if thrown upon a fire will not burn; but if a pinch of ignition powder is put upon top of the thermit and lighted with a match, the whole burns quickly, generating a most intense heat. The experiments were very well done, and were extremely spectacular. Rails and pipes were welded perfectly, with great quickness, and with very little apparatus. Lantern slides were shown which had been taken of difficult operations, such as repairing the broken driving wheel of a locomotive, welding a broken crank shaft on a Rhine steamer, and mending the stern post of an ocean liner.

The Class Secretaries' Dinner.

The Association of Class Secretaries held a meeting and dinner at the Technology Club, Thursday evening, Feb. 18. A very large number were present, Professor Richards presiding. The chief topic of discussion was the recent newspaper report, so widely spread, that there was a possibility of some kind of connection between Tech and Harvard. There appeared to be no defenders of such a plan among our own ranks, for a unanimous and decided expression of hostility was manifested to anything tending to impair the independence of the Institute.

Senior Portfolio.

A prize of ten dollars will be awarded to the Tech man who submits the best design for a cover for the 1904 *Senior Portfolio.* The design should be simple and one which may readily be stamped in leather. The size of the book is $11\frac{1}{2}'' \times 9''$. Designs must be handed in at "Cage," addressed to Portfolio Committee, by *March 15.* Further information may be obtained from George H. Powell, Course XIII.

KEEPS!

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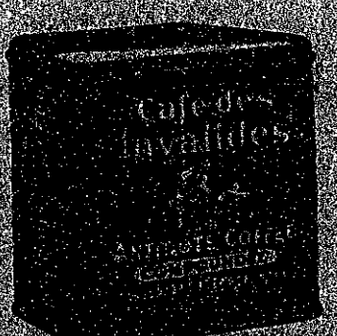

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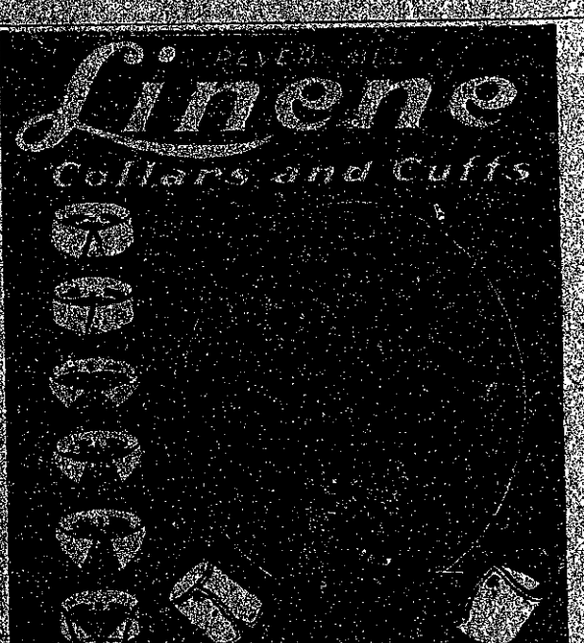

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